

U.S. Department
of TransportationUnited States
Coast GuardCommanding Officer
U. S. Coast Guard
Marine Safety OfficeCustom House
Baltimore, MD
21202-4022
(410) 962-512516711/RAVEN
JUN 2 1993Raven One Inc.
1120 Jade Drive
Belair, MD 21014SUBJ: RAVEN, MD3789C (6040908)
STABILITY LETTER

Gentlemen:

The stability of RAVEN has been determined to be satisfactory based on its sistership relationship to FELLE POINT PRINCESS, MD7290AN, the stability test on the FELLE POINT PRINCESS conducted at Baltimore, MD on August 12, 1992 and calculations on the subject vessel as presently outfitted and equipped.

Based on the above, RAVEN is deemed to have satisfactory stability for passenger service under reasonable operating conditions for the carriage of not more than 25 persons on protected waters. No changes in construction, equipment or ballast shall be made to this vessel without prior notification to the cognizant Officer in Charge, Marine Inspection and receipt of permission from such officer.

Inasmuch as passenger capacity and route are based not solely on stability, but may be further limited by other criteria, you are cautioned that the number of persons allowed to be carried and the route permitted shall be specified in the Certificate of Inspection.

It shall be the responsibility of the operator of this vessel to maintain it in a satisfactory condition of stability at all times.

This stability letter shall be posted under glass or other acceptable transparent material near the steering station of the vessel.

Sincerely,

A handwritten signature in dark ink, appearing to read "G. S. COPE".

G. S. COPE
Captain, U.S. Coast Guard
Officer in Charge,
Marine Inspection

HARBOR SHUTTLE
RAVEN

46 CFR 176.01-25 Seating Criteria

Criteria used for justifying 25 passengers is fixed seating.

46 CFR 182.25-10 Bilge Pump

The vessel has one hand bilge pump.

Thirty mate #136 13 gal/min.

46CFR 182.30-1 Steering System

The vessels steering system consists of a hydraulic system with a 1.77 cu. in. helm pump. 50' hydraulic hose run aft to the outboard motor.

46CFR 184.30-1 (A) Portable battery lights

2 Portable lights are Coast Guard approved

3 cell flashlights Coast Guard #161.008/21/0

Mooring Equipment

Consists of a 22 lb. Danforth Anchor + 150' anchor rope

46 CFR 177.05 A electrical installation

B Machinery Installation

(see attached diagrams)

46 CFR 177.30-5 & 33 CFR 159 Toilet facilities

None required - trips less than 1/2 hour and capacity less than 49 persons.

46 CFR 177.35-1 (C) Rail height/spacing

(see attached side view diagram)

46 CFR 182.15-25 Gasoline Fuel Tanks

46

The fuel tanks are 28 gals and comply with 33 CFR 183.510A testing and are B.I.A. approved.

46 CFR 183.05 Electrical diagrams

(see attached copies)

HARBOR SHUTTLE RAVEN

46 CFR 176 .01-25 Seating Criteria

Criteria used for justifying 25 passengers is fixed seating.

46 CFR 182 .25-10 Bilge Pump

The vessel has one hand bilge pump.

Thirty mate #136 13 gal/min.

46CFR 182.30-1 Steering System

The vessels steering system consists of a hydraulic system with a 1.77 cu. in. helm pump. 50' hydraulic hose run aft to the outboard motor.

46CFR 184.30-1 (A) Portable battery lights

2 Portable lights are Coast Guard approved

3 cell flashlights Coast Guard #161.008/21/0

Mooring Equipment

Consists of a 22 lb. Danforth Anchor + 150' anchor rope

46 CFR 177 .05 A electrical installation

B Machinery Installation

(see attached diagrams)

46 CFR 177 .30-5 & 33 CFR 159 Toilet facilities

None required - trips less than 1/2 hour and capacity less than 49 persons.

46 CFR 177 .35-1 (C) Rail height/spacing

(see attached side view diagram)

46 CFR 182 .15-25 Gasoline Fuel Tanks

The fuel tanks are 28 gals and comply with 33 CFR 183.510A testing and are B.I.A. approved.

46 CFR 183 .05 Electrical diagrams

(see attached copies)